

## The CAM167 Cone Pinhole Lens Camera

This Kovert internal Pinhole Lens Camera comes complete with a mounting bracket and a 1/3" Sony SuperHAD CCD with a resolution of 520TVL and a 3.7mm conical pinhole lens.



### Features

1/3" Sony CCD 520 TVL

Low power consumption

3.7mm Conical Pinhole Lens

Auto White Balance

Free mounting bracket

30cm Power and Video lead attached

Minimum Illumination 0.5Lux @ F1.2

12vDC 180mA

Auto Gain Control

Auto BLC function

Electronic Shutter

### Powering the Camera

The dome requires a 12v DC regulated power supply providing a minimum of 180mA. When connecting to 12v DC power supply, always use a regulated supply. Recommend using a 300mA psu minimum. Connects to camera power and video lead using 2.1 mini power jack.

### Connecting Video

Connect a BNC cable connection to the camera BNC on the camera power and video lead and connect cable to monitor or DVR as required.

### Precautions

Do not install the camera in extreme temperature conditions. Only use the camera where temperatures are between -10 degrees centigrade and +50 degrees centigrade.

Never install the camera in damp or humid conditions. This can affect image quality.

This camera requires stable lighting conditions to operate effectively.

Do not touch the front lens of the camera. Fingerprints can stain the lens glass.

The camera must not be placed directly facing the sun or strong light. This may damage the camera CCD.

Never expose the camera to rain or liquids. These will corrode the camera electronics.

Do not subject the camera to vibration as it may cause camera malfunctions.

Only use this camera internally.

*Email: [support@kovert.com](mailto:support@kovert.com)*

**CAM167 Camera Specifications**

Image Sensor	1/3" Sony SuperHAD Colour CCD
CCD Total Pixels	752 (H) x 582 (V)
Sync System	PAL
Minimum Illumination	0.5 Lux @ F1.2
Lens	3.7mm Conical Pinhole Lens
Resolution	520 TV Lines
White Balance	Automatic
S/N Ratio	Greater than 50dB
Backlight Compensation Function	Automatic
Electronic Shutter (A.E.S)	1/50 ~ 1/10,000 sec
Dimensions	38mm x 38mm x 35mm
Gain Control	Automatic
Video Output	1.0v p~p, 75Ω
Operation Temperature	-10°C ~ +50°C
Power Source	DC12v / 3.5W
Power Consumption	180mA
Camera accessories	Mounting bracket included

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